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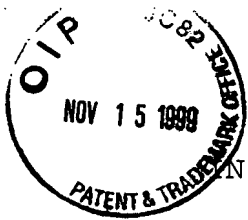
<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 1999</h2> <p style="font-size: small; margin: 0;">Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</p>	Complete if Known	
	Application Number	09/375,614
	Filing Date	8/17/99
	First Named Inventor	AY Tonkovich, et al.
	Examiner Name	Not Assigned
	Group / Art Unit	1764
	Attorney Docket No.	B-1479
TOTAL AMOUNT OF PAYMENT		(\$ 120.00)

<p>METHOD OF PAYMENT (check one)</p> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: <u>02-1275</u></p> <p>Deposit Account Name: <u>Battelle Memorial Institute Pacific Northwest Division</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<p>FEE CALCULATION (continued)</p> <p>3. ADDITIONAL FEES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130 205 65</td><td>Surcharge - late filing fee or oath</td><td style="text-align: center;">65.00</td></tr> <tr><td>127</td><td>50 227 25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130 139 130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520 147 2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920* 112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840* 113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110 215 55</td><td>Extension for reply within first month</td><td style="text-align: center;">55.00</td></tr> <tr><td>116</td><td>380 216 190</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870 217 435</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,360 218 680</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850 228 925</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300 219 150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300 220 150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260 221 130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510 138 1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110 240 55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,210 241 605</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,210 242 605</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430 243 215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580 244 290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130 122 130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50 123 50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240 126 240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40 581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>760 246 380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>760 249 380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="3">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="3">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (3) (\$)</td> <td style="text-align: center;">120.00</td> </tr> </tbody> </table> <p>* Reduced by Basic Filing Fee Paid</p>	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130 205 65	Surcharge - late filing fee or oath	65.00	127	50 227 25	Surcharge - late provisional filing fee or cover sheet.		139	130 139 130	Non-English specification		147	2,520 147 2,520	For filing a request for reexamination		112	920* 112 920*	Requesting publication of SIR prior to Examiner action		113	1,840* 113 1,840*	Requesting publication of SIR after Examiner action		115	110 215 55	Extension for reply within first month	55.00	116	380 216 190	Extension for reply within second month		117	870 217 435	Extension for reply within third month		118	1,360 218 680	Extension for reply within fourth month		128	1,850 228 925	Extension for reply within fifth month		119	300 219 150	Notice of Appeal		120	300 220 150	Filing a brief in support of an appeal		121	260 221 130	Request for oral hearing		138	1,510 138 1,510	Petition to institute a public use proceeding		140	110 240 55	Petition to revive - unavoidable		141	1,210 241 605	Petition to revive - unintentional		142	1,210 242 605	Utility issue fee (or reissue)		143	430 243 215	Design issue fee		144	580 244 290	Plant issue fee		122	130 122 130	Petitions to the Commissioner		123	50 123 50	Petitions related to provisional applications		126	240 126 240	Submission of Information Disclosure Stmt		581	40 581 40	Recording each patent assignment per property (times number of properties)		146	760 246 380	Filing a submission after final rejection (37 CFR 1.129(a))		149	760 249 380	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____				Other fee (specify) _____				SUBTOTAL (3) (\$)			120.00
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
 AY Tonkovich, Y Wang,) Art Unit:
 SP Fitzgerald, JL Marco,) Examiner:
 GL Roberts, DP Vanderwiell,) Paper No:
 and RS Wegeng)
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)
 S. N. 09/375,614)
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)
 Filed: August 17, 1999)
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)
 For: A CHEMICAL REACTOR AND) Our Ref. No: B-1479
 METHOD FOR GAS PHASE)
 REACTANT CATALYTIC REACTIONS) Date: November 5, 1999

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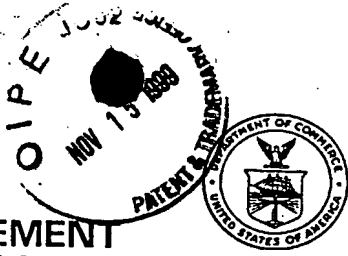
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Janice K. Laybourn K1-53
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Pacific Northwest Laboratories
P.O. Box 999
Richland, WA 99352
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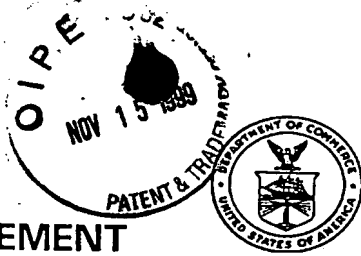
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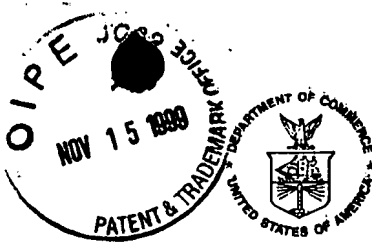
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Applicant(s) ANNALEE Y. TONKOVICH, RESIDENCE NOT PROVIDED.

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A CHEMICAL REACTOR AND METHOD FOR GAS PHASE REACTANT CATALYTIC REACTIONS

PRELIMINARY CLASS: 422

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